

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010635.D
 Acq On : 21 Jun 2017 22:28
 Operator : SJ/JU
 Sample : I3627-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5E25

Manual Integrations
 APPROVED

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 6/22/2017 5:32:59 PM

Quant Time: Jun 22 01:48:52 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 01:38:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	76433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	346815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	241238	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	607095	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	729914	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	655950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	5275	3.95	ng/uL	0.00
5) Phenol-d5	6.65	99	119122	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	72273	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	94161	18.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	103959	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	51557	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	60314	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	117508	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	140352	22.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	479788	22.66	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	528148	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	51921	13.93	ng/ul	0.00
57) Fluorene-d10	15.12	176	401340	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	63578	17.05	ng/ul	0.00
70) Anthracene-d10	16.97	188	651180	22.21	ng/ul	0.00
76) Pyrene-d10	19.28	212	783516	23.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	716778m	22.61	ng/ul	0.00
Target Compounds						
6) Phenol	6.67	94	10896	1.453	ng/ul#	86
44) Dimethylphthalate	13.59	163	225314	10.854	ng/ul	97
74) Fluoranthene	18.94	202	119562	2.874	ng/ul#	95
77) Pyrene	19.30	202	144699	3.432	ng/ul#	93
80) Benzo(a)anthracene	21.07	228	95719	2.252	ng/ul	96
82) Chrysene	21.12	228	92453m	2.440	ng/ul	
85) Benzo(b)fluoranthene	22.59	252	147965	3.475	ng/ul#	97
86) Benzo(k)fluoranthene	22.63	252	54079m	1.340	ng/ul	
88) Benzo(a)pyrene	23.13	252	71280	1.818	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.34	276	40761	1.003	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

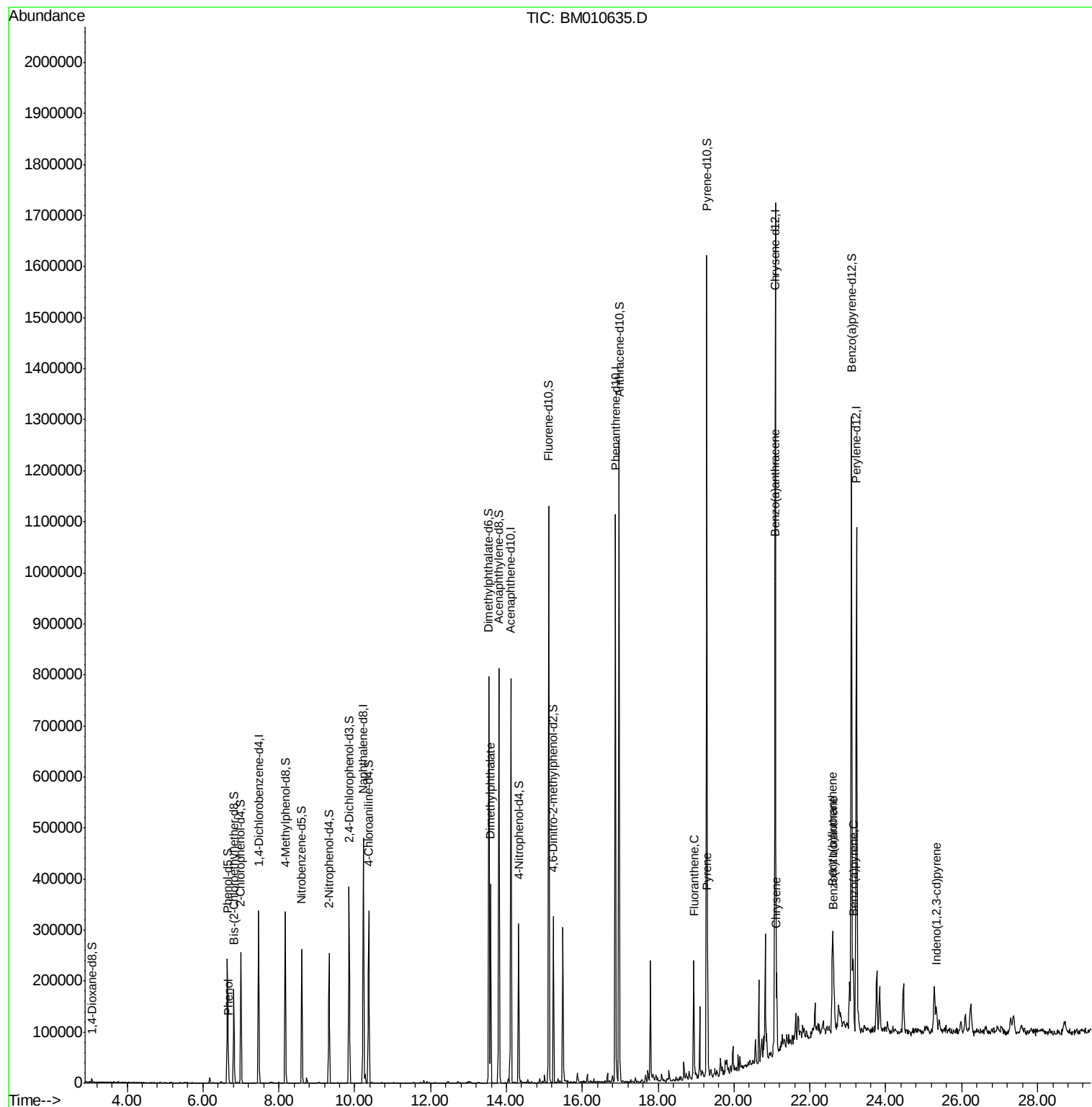
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010635.D
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ALS Vial : 19 Sample Multiplier: 1

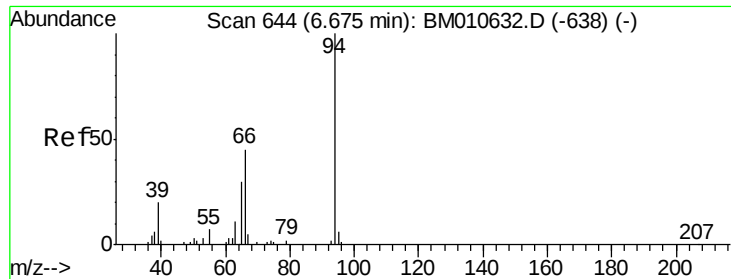
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.453 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Instrument :

BNA_M

ClientSampled :

F5E25

Tgt Ion: 94 Resp: 10896

Ion Ratio Lower Upper

94 100

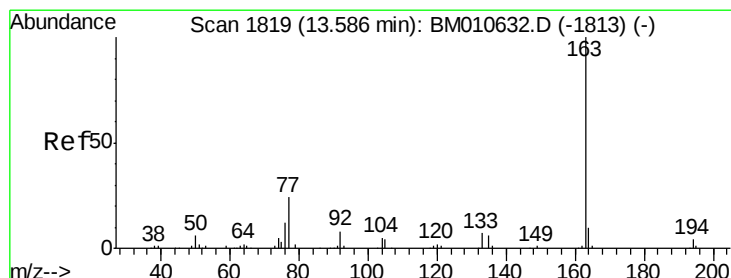
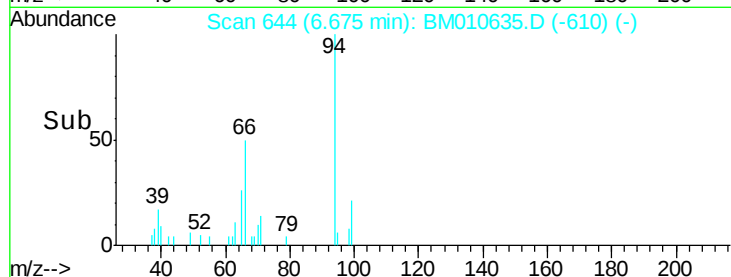
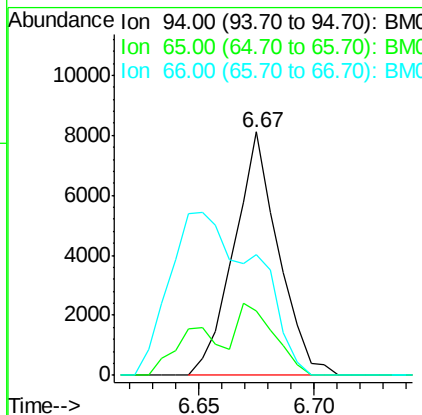
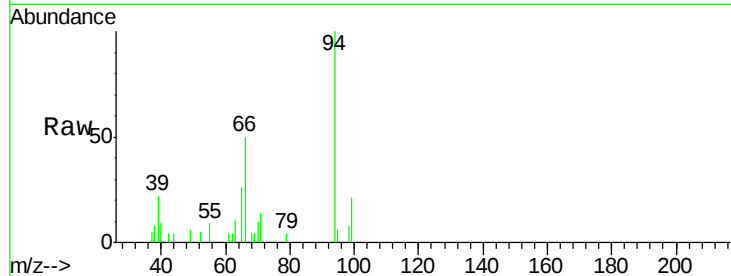
65 26.4 28.2 42.4#

66 49.6 47.2 70.8

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#44

Dimethylphthalate

Concen: 10.854 ng/ul

RT: 13.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

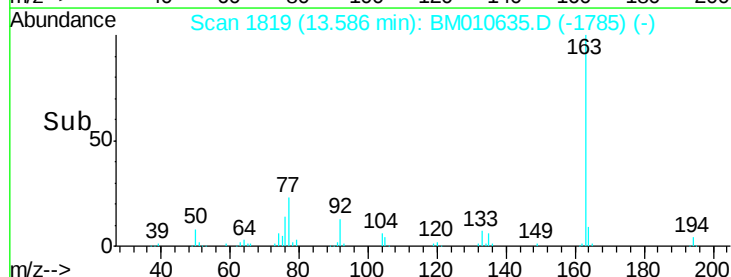
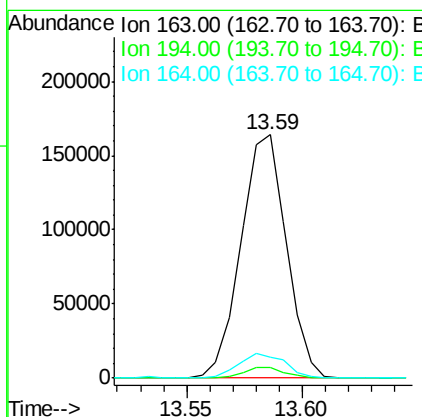
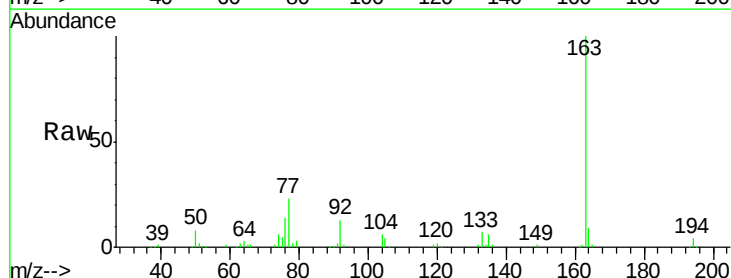
Tgt Ion: 163 Resp: 225314

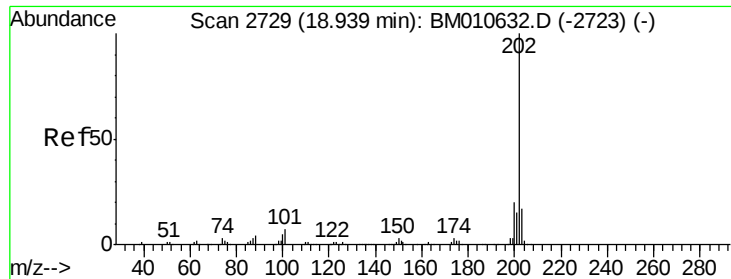
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 8.8 8.2 12.4





#74

Fluoranthene

Concen: 2.874 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Instrument :

BNA_M

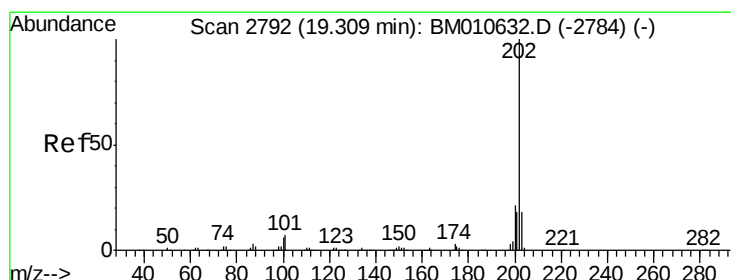
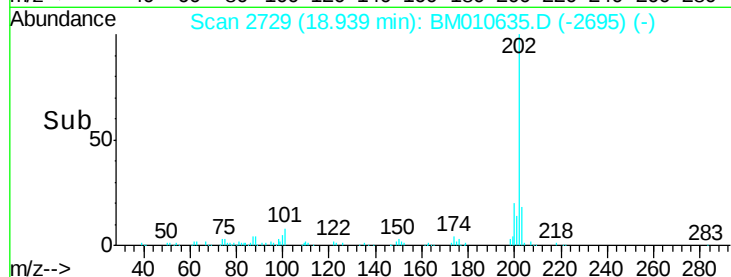
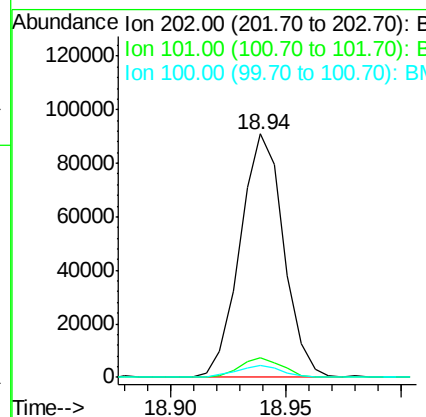
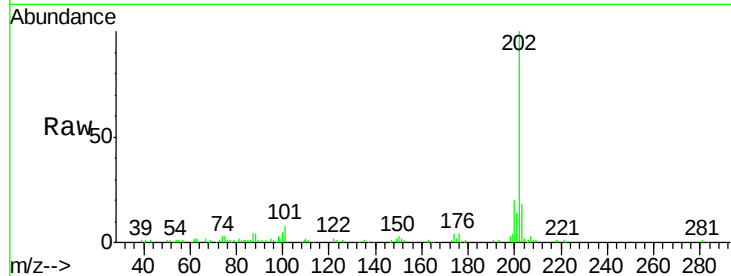
ClientSampleId :

F5E25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	119562		
101	8.2	4.6	7.0#	
100	4.7	3.4	5.2	

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#77

Pyrene

Concen: 3.432 ng/ul

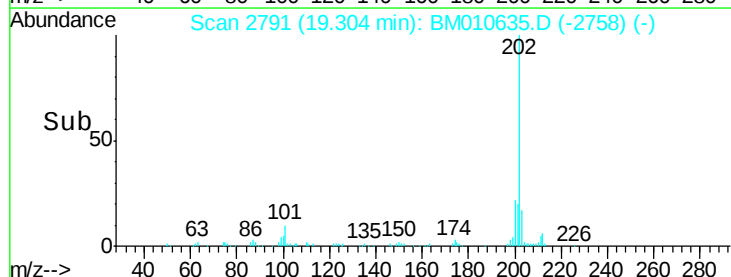
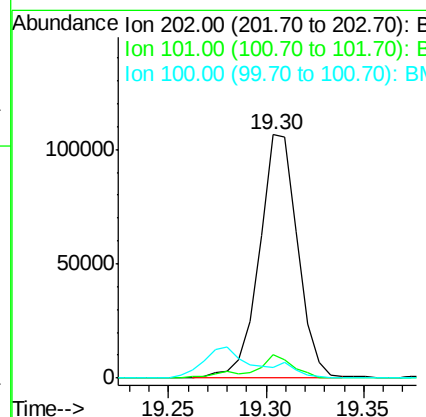
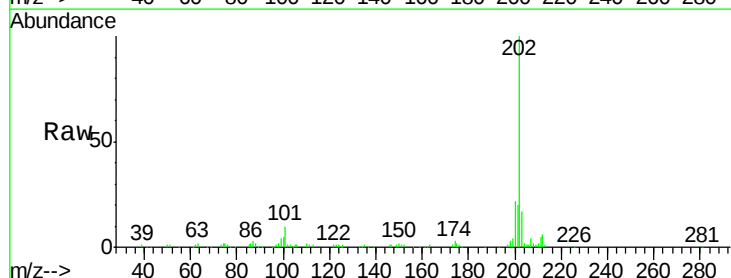
RT: 19.30 min Scan# 2791

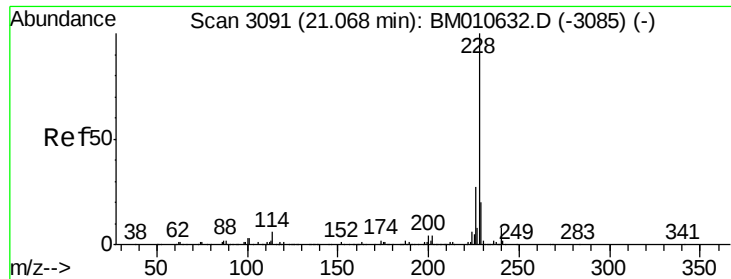
Delta R.T. -0.01 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	144699		
101	9.6	5.1	7.7#	
100	4.6	4.9	7.3#	





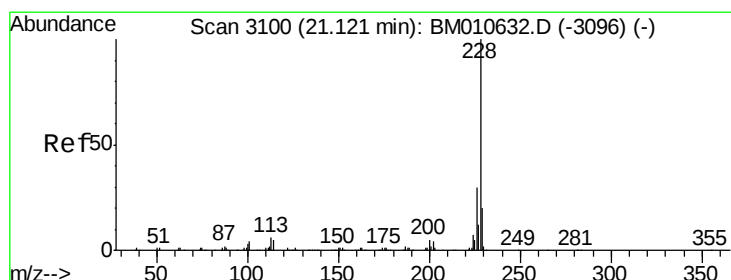
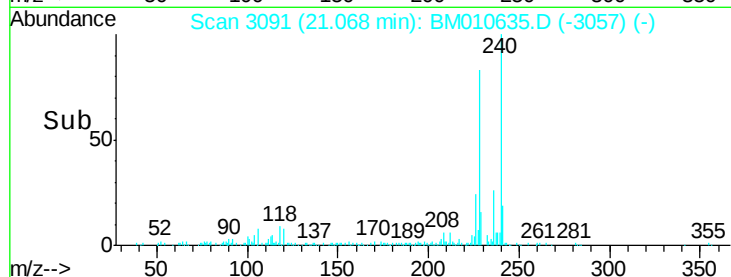
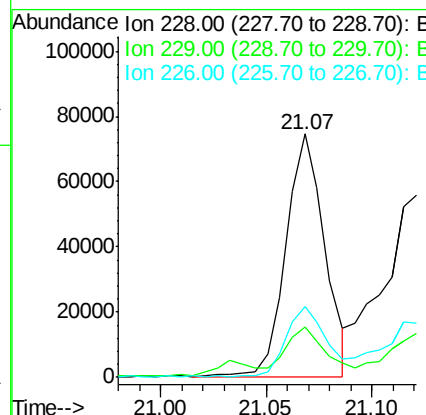
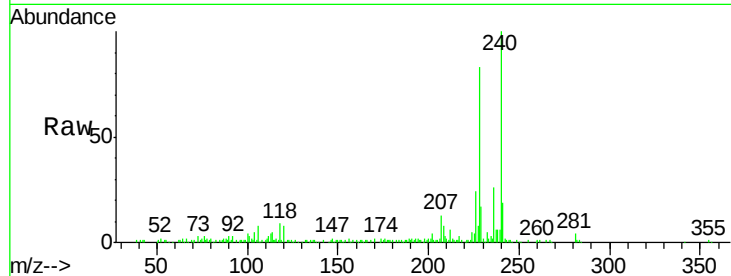
#80
Benzo(a)anthracene
Concen: 2.252 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	29.1	21.4	32.0

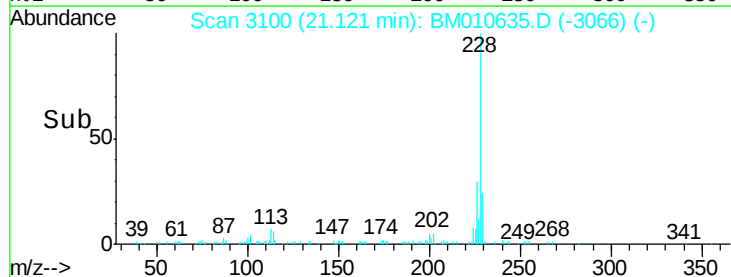
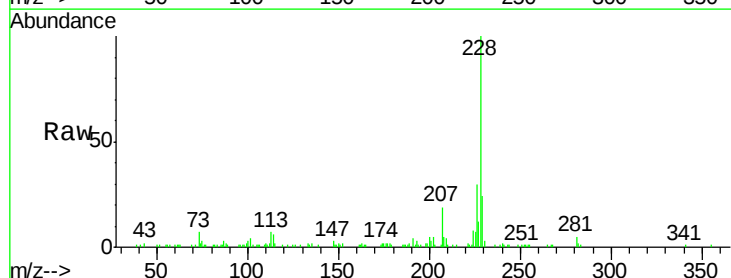
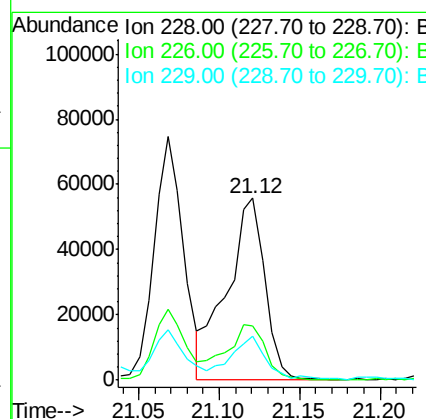
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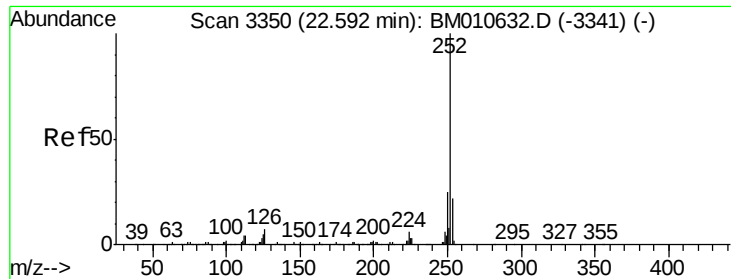
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#82
Chrysene
Concen: 2.440 ng/ul m
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010635.D
Acq: 21 Jun 2017 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	24.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.475 ng/ul

RT: 22.59 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Instrument :

BNA_M

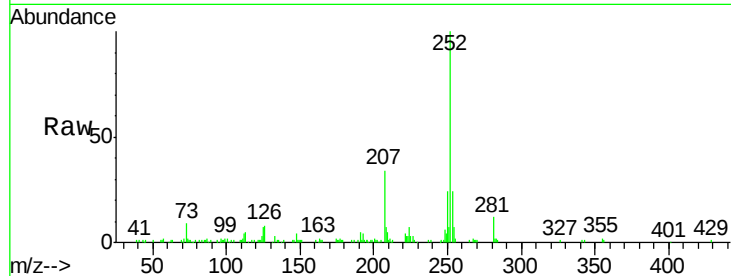
ClientSampled :

F5E25

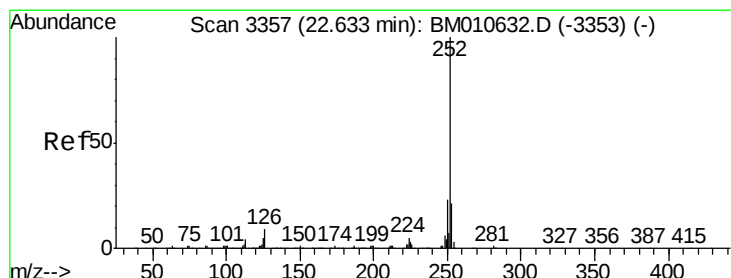
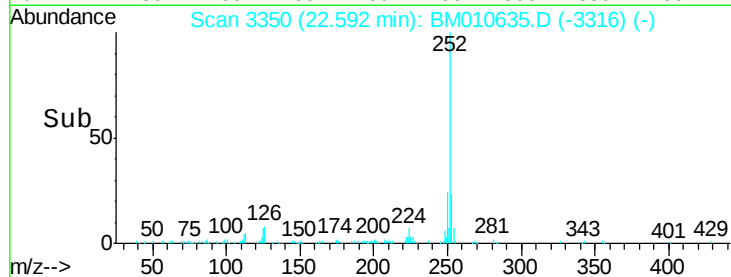
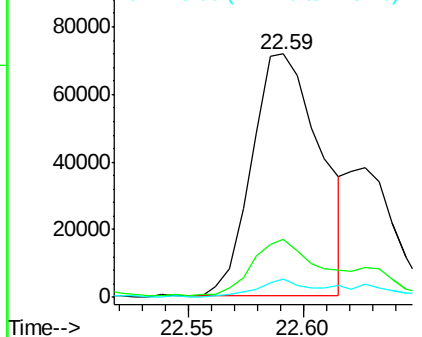
Tgt Ion:	252	Resp:	147965
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	7.3	3.6	5.4#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.340 ng/ul m

RT: 22.63 min Scan# 3356

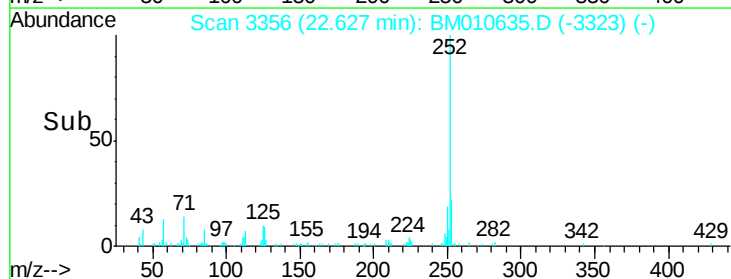
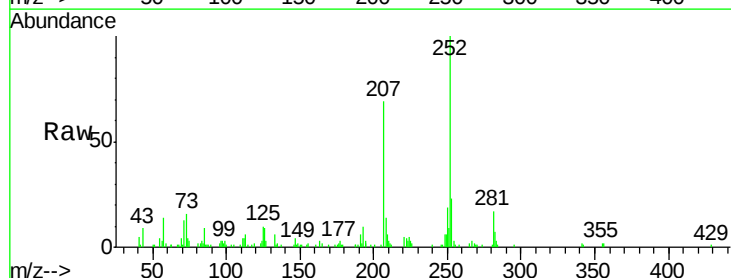
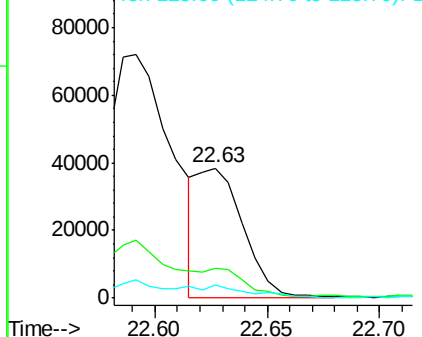
Delta R.T. -0.01 min

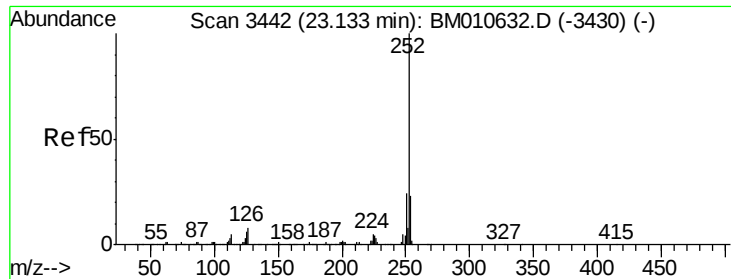
Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Tgt Ion:	252	Resp:	54079
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	10.1	3.4	5.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.818 ng/ul

RT: 23.13 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Instrument :

BNA_M

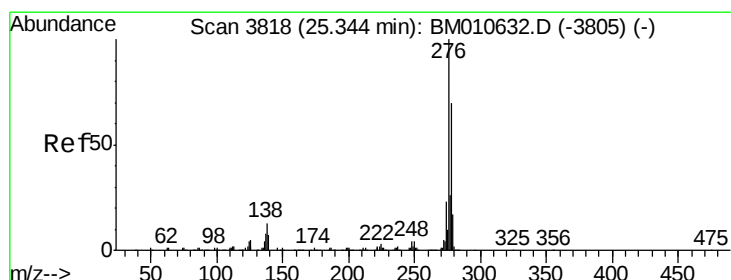
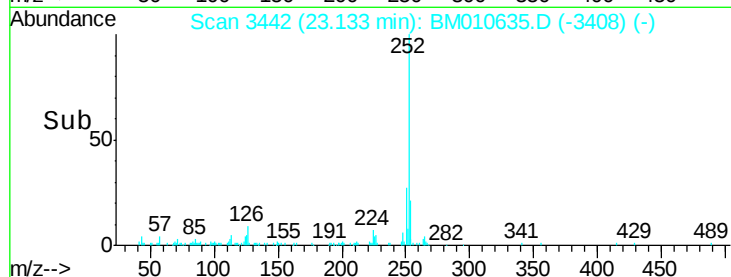
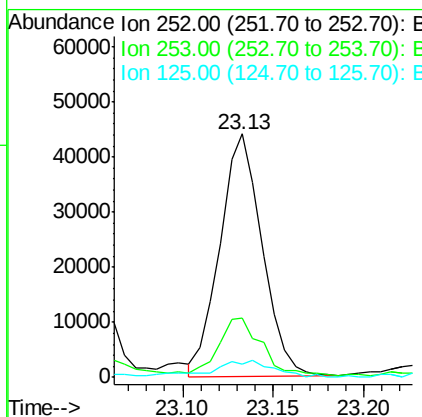
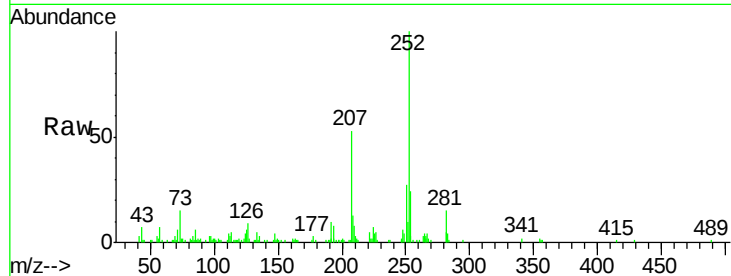
ClientSampleId :

F5E25

Tgt Ion:	252	Resp:	71280
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.2	27.2
125	5.6	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.003 ng/ul

RT: 25.34 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BM010635.D

Acq: 21 Jun 2017 22:28

Tgt Ion:	276	Resp:	40761
Ion Ratio	Lower	Upper	
276	100		
138	14.4	9.3	13.9#
277	22.1	19.9	29.9

